

Q. A data driven approach to climate resilience necessitates certain fundamental reforms in country's data ecosystem.
(200 words).

A. Data is the torchlight of modern policy making & resolving critical issues such as climate change, air pollution, etc. Modern policies to handle any crisis situation requires exploitation of the all the information available at that time.

To tackle climate change, climate resilience infrastructure & especially critical infrastructure such as power, telecom is crucial.

The major issue faced today by country's data ecosystem is transparency & credibility of data as well as its availability.

without transparency, credibility of data can not be ensured. This leads to poor quality of data.

Secondly, data sharing has to be efficient & secure in order to ensure privacy & security. The recent cyberattack on power infrastructure resulted in great economic loss.

Thirdly, meaningful exploitation of data have been useful in disaster responses to save lives & livelihood. As last year, supercyclone Amphan did \$9 Billion economic loss & due to effective utilization of data this number has been reduced.

Lastly, more investment is needed in research & analysis of current adverse climate phenomena to better handle it in future.